

CAPITAL IMPROVEMENTS PROGRAM FY 2005

PROJECT TITLE: Weems Creek Bridge WM	PROJECT NUMBER: 709
LOCATION: Weems Creek/Rowe Blvd. Bridge	Prior Years' Spending/ \$0
DEPARTMENT: Public Works	Encumbrances as of
DIVISION: Water	03/01/04

DESCRIPTION:

As part of the SHA reconstruction of the Weems Creek Bridge, the City's 12" water main must be relocated.

JUSTIFICATION:

Required by SHA

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	TOTAL
Land								0
Design								0
Construction			313,650					313,650
Inspection								0
Equipment								0
Other								0
Total \$	0	0	313,650	0	0	0	0	313,650

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	TOTAL
Bond Funds \$								0
Operating Funds			313,650					313,650
Non City Funds								0
Total \$	0	0	313,650	0	0	0	0	313,650

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:

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PROJECT TITLE: Spa Creek Waterline	PROJECT NUMBER: 710
LOCATION: Spa Creek from Prince George Street end to First Street end	Prior Years' Spending/ \$0 Encumbrances as of 03/01/04
DEPARTMENT: Public Works	
DIVISION: Water	

DESCRIPTION:

Lower existing 16" subaqueous water line.

JUSTIFICATION:

Existing water line with maximum depth of 16" restricts size of vessels using City's harbor. In the event of a terrorist act at the Naval Academy or a need to evacuate any significant number of persons via the water, the shallow depth precludes the use of larger, deeper draft vessels. This project will eliminate that restriction.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	TOTAL
Land								0
Design		50,000						50,000
Construction		750,000						750,000
Inspection		50,000						50,000
Equipment								0
Other		40,000						40,000
Total	\$ 0	890,000	0	0	0	0	0	890,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	TOTAL
Bond Funds \$		890,000						890,000
Operating Funds								0
Non City Funds								0
Total	\$ 0	890,000	0	0	0	0	0	890,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:

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PROJECT TITLE: Emergency Water Connections	PROJECT NUMBER: 711
LOCATION: Neal Street	Prior Years' Spending/ \$0
DEPARTMENT: Public Works	Encumbrances as of
DIVISION: Water	03/01/04

DESCRIPTION:

A 12" connection between adjacent 16" water mains owned by the City and Anne Arundel County to provide emergency water supplies to either jurisdiction.

JUSTIFICATION:

Currently there are no "hard pipe" connections between the two systems and emergency services must rely on fire dept. pumper trucks.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	TOTAL
Land								0
Design		10,000						10,000
Construction			95,000					95,000
Inspection			10,000					10,000
Equipment								0
Other			5,000					5,000
Total	\$ 0	10,000	110,000	0	0	0	0	120,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	TOTAL
Bond Funds \$								0
Operating Funds		10,000	50,000					60,000
Non City Funds			60,000					60,000
Total	\$ 0	10,000	110,000	0	0	0	0	120,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET:

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PROJECT TITLE:	Water Tank Rehabilitation	PROJECT NUMBER:	713
LOCATION:	Various	Prior Years' Spending/	\$0
		Encumbrances as of	03/01/04
DEPARTMENT:	Public Works		
DIVISION:	Water		

DESCRIPTION:

Painting of the tanks is a cyclic program and must be expected to repeat on a 7 to 10 year cycle. The next tank painting cycle is expected to be necessary in 2006 and continuing each year through 2008.

JUSTIFICATION:

Painting of the tanks is required to maintain water quality and to maintain the tank structure.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	TOTAL
Land \$								0
Design								0
Construction			190,000	226,500	257,000			673,500
Inspection			16,000	18,000	20,000			54,000
Equipment								0
Other			6,000	7,000	7,000			20,000
Total \$	0	0	212,000	251,500	284,000	0	0	747,500

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	TOTAL
Bond Funds \$								0
Operating Funds			212,000	251,500	284,000			747,500
Non City Funds								0
Total \$	0	0	212,000	251,500	284,000	0	0	747,500

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: None

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PROJECT TITLE: Water Storage Tank	PROJECT NUMBER: 937
LOCATION: Janwal Street	Prior Years' Spending/ \$2,245,260 Encumbrances as of 03/01/04
DEPARTMENT: Public Works	
DIVISION: Water	

DESCRIPTION:

This project is for a new water tank that will provide two to three million additional gallons of water storage. The location of the new storage facility is dependent upon available land and the hydraulics of the City's water distribution system. If necessary, funds for land acquisition are provided.

JUSTIFICATION:

The recommended water storage volume for a city of our size is one average day's usage, which is approximately 4.75 million gallons (summer usage average is 6.0 million gallons per day). Currently, we have a usable storage of 2.75 million gallons.

STATUS:

As of January 1, 2004, a 1,500,000 gallon tank has been completed. A second 1,000,000 gallon tank site is needed.

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	TOTAL
Land \$								0
Design	212,000							212,000
Construction			2,000,000					2,000,000
Inspection			45,000					45,000
Equipment								0
Other			134,080					134,080
Total \$	212,000	0	2,179,080	0	0	0	0	2,391,080

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	TOTAL
Bond Funds \$			2,179,080					2,179,080
Operating Funds	212,000							212,000
Non City Funds								0
Total \$	212,000	0	2,179,080	0	0	0	0	2,391,080

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: This will reduce annual electrical costs at the Water Plant by allowing continuous pumping at a lower rate.

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PROJECT TITLE: Clear Well Replacement	PROJECT NUMBER: 942
LOCATION: Water Treatment Plant	Prior Years' Spending/ \$100 Encumbrances as of 03/01/04
DEPARTMENT: Public Works	
DIVISION: Water	

DESCRIPTION:

The existing clear well is open to the atmosphere. This water is pumped directly into the distribution system with only the addition of chlorine. Includes moving the old Janwall tank to the water plant as a temporary clearwell.

JUSTIFICATION:

Replacement with a 1,000,000 gallon concrete ground level tank will remove contamination threat.

STATUS:

As of January 2004, selection of a design engineer is underway.

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	TOTAL
Land \$								0
Design	25,000							25,000
Construction	300,000	600,000						900,000
Inspection	15,000	25,000						40,000
Equipment								0
Other	25,000	58,000						83,000
Total \$	365,000	683,000	0	0	0	0	0	1,048,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	TOTAL
Bond Funds \$		683,000						683,000
Operating Funds	365,000							365,000
Non City Funds								0
Total \$	365,000	683,000	0	0	0	0	0	1,048,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: